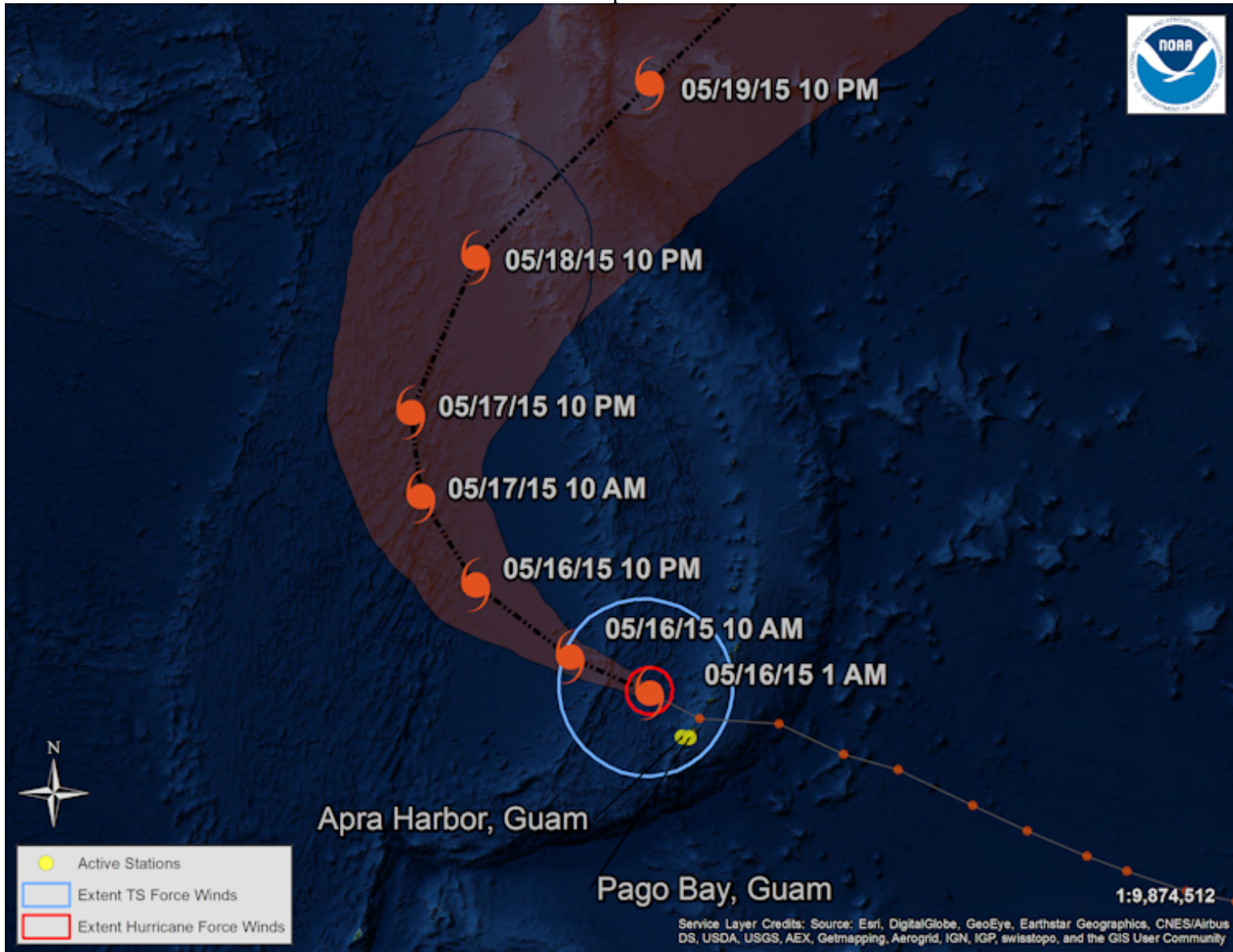




Typhoon DOLPHIN QuickLook
Posted: 02:00 ChST 05/16/2015

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 5/16/15 02:00 ChST, water levels are currently running about 1.0 foot above tidal predictions at Pago Bay and Apra Harbor. Wind speeds are on the lighter side at Pago Bay, 10 to 20 knots with gusts to around 30 knots. At Apra Harbor winds are 20 to 30 knots with gusts to 40 knots. Barometric pressure is beginning to rise as Dolphin passes north of the island at this time.

Typhoon DOLPHIN QuickLook, POSTED 02:00 ChST 05/16/2015

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst:ADW

SELECT NATIONAL WEATHER SERVICE WFO GUAM ADVISORY INFORMATION:

TYPHOON DOLPHIN (07W) ADVISORY NUMBER 36
NATIONAL WEATHER SERVICE TIYAN GU WP072015
200 AM CHST SAT MAY 16 2015

...TYPHOON DOLPHIN BEGINNING TO EXIT THE MARIANAS...

CHANGES WITH THIS ADVISORY

NONE.

WATCHES AND WARNINGS

A TYPHOON WARNING REMAINS IN EFFECT FOR GUAM...ROTA...TINIAN AND SAIPAN. THE TYPHOON WARNING WILL REMAIN IN EFFECT UNTIL DAMAGING WINDS ARE NO LONGER EXPECTED...LATER THIS MORNING.

DISCUSSION AND OUTLOOK

AT 100 AM CHST THE CENTER OF TYPHOON DOLPHIN WAS LOCATED ABOUT 75 MILES NORTHWEST OF GUAM. THE EYE OF DOLPHIN IS WEST OF ROTA AND IS MOVING WEST-NORTHWEST AT 13 MPH. DOLPHIN IS EXPECTED TO TURN TO THE NORTHWEST LATER THIS MORNING THEN SLOWLY TURN NORTH SUNDAY AND NORTHEAST MONDAY.

MAXIMUM SUSTAINED WINDS REMAIN AT 110 MPH. ALTHOUGH TYPHOON DOLPHIN HAS NOT INTENSIFIED OVER THE LAST DAY OR SO...IT IS EXPECTED TO RESUME SLOW INTENSIFICATION LATER THIS MORNING.

TYPHOON FORCE WINDS EXTEND OUTWARD UP TO 40 MILES FROM THE CENTER. TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 160 MILES IN THE NORTHERN SEMICIRCLE...AND UP TO 100 MILES ELSEWHERE.

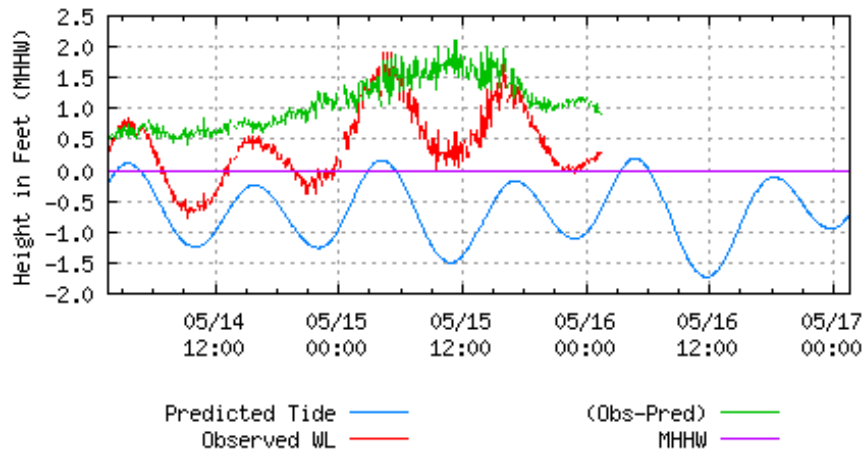
W. AYDLETT

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: Pago Bay, Guam - Water Level, Pago Bay, Guam - Winds, Pago Bay, Guam - Barometric, Apra Harbor, Guam - Water Level, Apra Harbor, Guam - Winds, Apra Harbor, Guam - Barometric

Typhoon DOLPHIN QuickLook, POSTED 02:00 ChST 05/16/2015

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



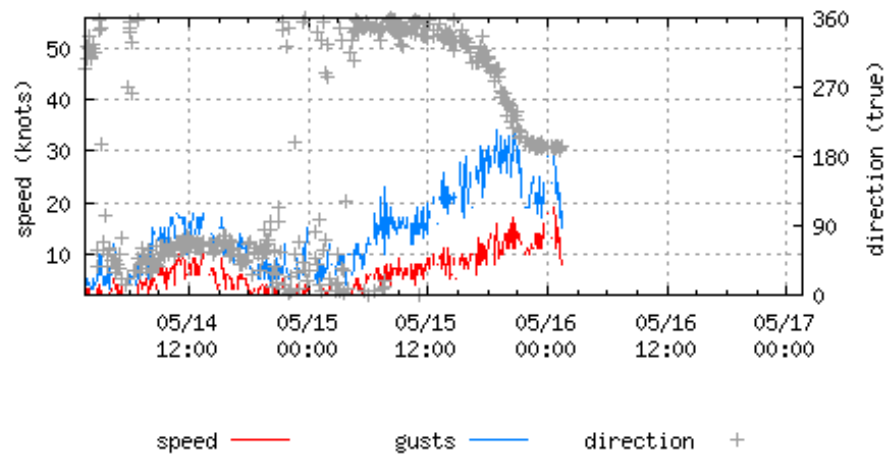
Last Observed Sample: 05/16/2015 01:24 (ChST). Data relative to MHHW

Observed: 0.27 ft. Predicted: -0.64 ft. Residual: 0.91 ft.

Historical Maximum Water Level: Oct 20 2004, 2.40 ft.

Next High Tide: 05/16/2015 04:47 (ChST), 0.19 ft.

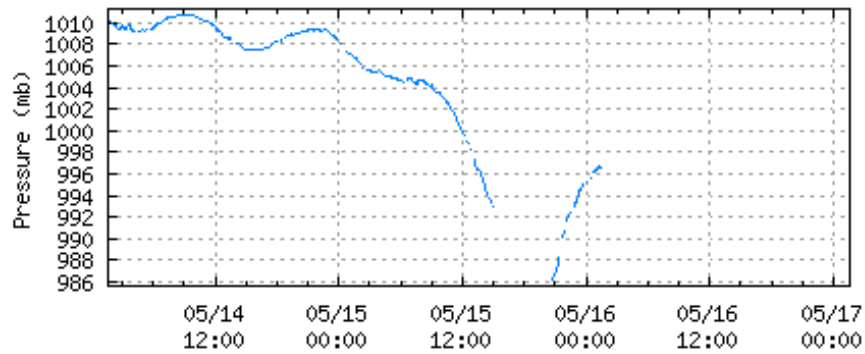
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam
Wind Speed / Gusts / Direction



Last Observed Sample: 05/16/2015 01:24 (ChST)

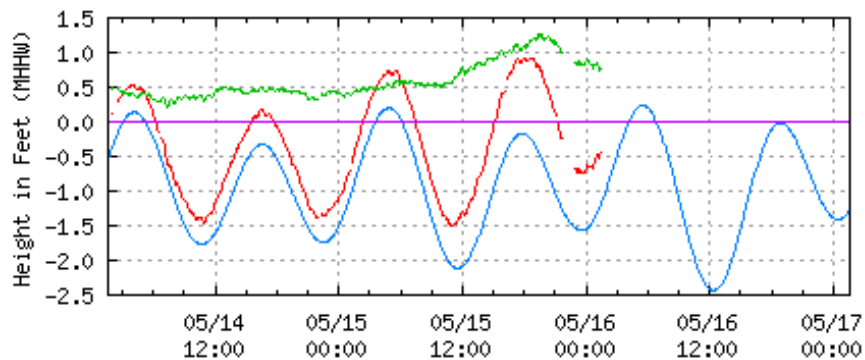
Wind Speed: 8 knots Gusts: 15 knots Direction: 193° T

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam
Barometric Pressure



barometric pressure —
Last Observed Sample: 05/16/2015 01:24 (ChST)
Barometric Pressure: 996.6 mb

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



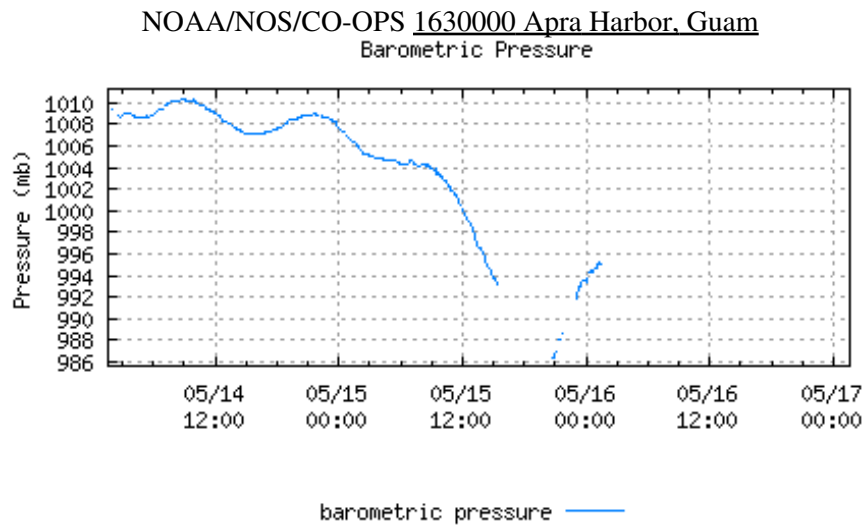
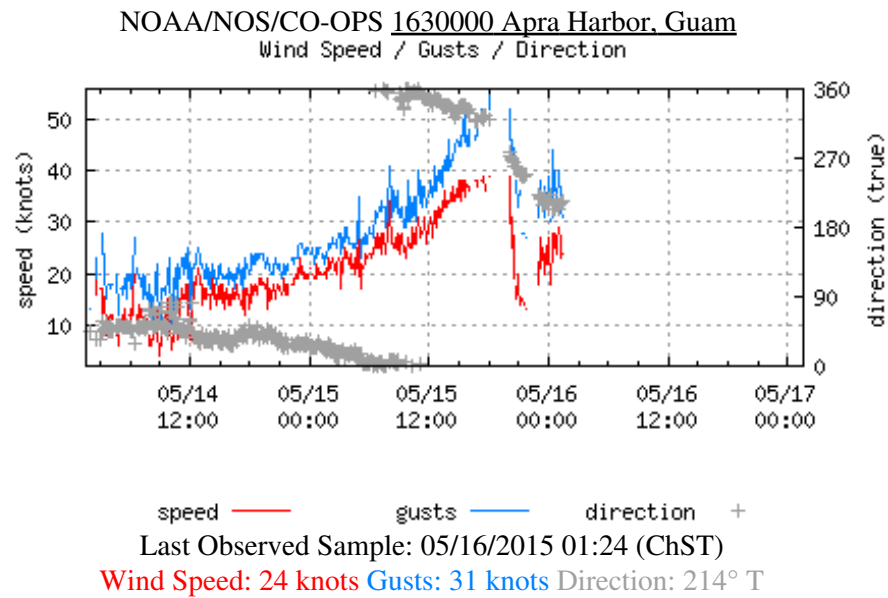
Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 05/16/2015 01:24 (ChST). Data relative to MHHW

Observed: -0.44 ft. Predicted: -1.21 ft. Residual: 0.77 ft.

Historical Maximum Water Level: Aug 28 1992, 1.95 ft.

Next High Tide: 05/16/2015 05:32 (ChST), 0.24 ft.



Last Observed Sample: 05/16/2015 01:24 (ChST)
Barometric Pressure: 995.1 mb

Typhoon DOLPHIN QuickLook, POSTED 02:00 ChST 05/16/2015

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1631428	Pago Bay, Guam	05/16/2015 01:24 (ChST)	0.27 ft	-0.64 ft	0.91 ft	1.92 ft
1630000	Apra Harbor, Guam	05/16/2015 01:24 (ChST)	-0.44 ft	-1.21 ft	0.77 ft	0.92 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce